SEQUENCE LISTING

<110> Xie, Dong
Jiang, He

<120> Peptide Derivative Fusion Inhibitors of HIV Infection

<130> 63024.000002

<140> 10/667,966
<141> 2003-09-23

<150> 60/412,797
<151> 2002-09-24

<160> 15

<170> PatentIn version 3.2

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Ser Leu Glu Gln Ile Trp Asn Asn Met Thr Trp Glu Glu Trp Asp Arg
1 5 10 15

Glu Ile Asn Asn Tyr Thr Glu Leu Ile His Glu Leu Ile Glu Glu Ser
20 25 30

Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu Leu Leu
35 40

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Trp Glu Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Lys Leu Ile His
1 5 10 15

Glu Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu
20 25 30

Leu Leu

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<400> 3

Trp Gln Glu Trp Glu Gln Lys Ile Thr Ala Leu Leu Glu Gln Ala Gln
1 5 10 15

Ile Gln Gln Glu Lys Asn Glu Tyr Glu Leu Gln Lys Leu Asp Lys Trp
20 25 30

Ala Ser Leu Trp Glu Trp Phe
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Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
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Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
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Trp Asn Trp Phe
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<400> 5

Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His
1 5 10 15

Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu
20 25 30

Leu Leu

<210> 6
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<400> 6

Trp Gln Glu Trp Glu Arg Lys Val Asp Phe Leu Glu Glu Asn Ile Thr
1 5 10 15

Ala Leu Leu Glu Glu Ala Gln Ile Gln Gln Glu Lys Asn Met Tyr Glu
20 25 30

Leu Gln

<210> 7
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Trp Glu Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Lys Leu Ile His
1 5 10 15

Glu Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Glu Asn Glu Gln Glu
20 25 30

Leu Leu

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<223> Xaa represents a Lysine residue derivatized with a maleimide moiety.

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Ser Leu Glu Gln Ile Trp Asn Asn Met Thr Trp Glu Glu Trp Asp Arg
1 5 10 15

Glu Ile Asn Asn Tyr Thr Xaa Leu Ile His Glu Leu Ile Glu Glu Ser
20 25 30

Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu Leu Leu
35 40

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Ser Leu Glu Gln Ile Trp Asn Asn Met Thr Trp Glu Glu Trp Asp Arg
1 5 10 15

Glu Ile Asn Asn Tyr Thr Glu Leu Ile His Glu Leu Ile Glu Glu Ser
20 25 30

Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu Leu Leu Xaa

35 40 45

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<400> 10

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Glu Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Trp Glu
20 25 30

Leu Leu

<210> 11
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<400> 11

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1 5 10 15

Glu Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu
20 25 30

Leu Leu Xaa
35

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<400> 12

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Ile Gln Gln Glu Lys Asn Glu Tyr Glu Leu Gln Lys Leu Asp Lys Trp
20 25 30

Ala Ser Leu Trp Glu Trp Phe
35

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Ile Gln Gln Glu Lys Asn Glu Tyr Glu Leu Gln Lys Leu Asp Lys Trp
20 25 30

Ala Ser Leu Trp Glu Trp Phe Xaa
35 40

<210> 14
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<400> 14

Trp Glu Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Xaa Leu Ile His
1 5 10 15

Glu Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Glu Asn Glu Gln Glu
20 25 30

Leu Leu

<210> 15
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<222> (35)..(35)
<223> Xaa represents a Lysine residue derivatized with a maleimide moiety.

<400> 15

Trp Glu Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Lys Leu Ile His
1 5 10 15

Glu Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Glu Asn Glu Gln Glu
20 25 30

Leu Leu Xaa
35